

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 2578 | 250/492.1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/07/31 12:59 |
| L2    | 0    | 1 AND (particle and target and high adj energy and electro adj magnetic and low adj energy and mask and alignment and MeV).clm.                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/07/31 13:00 |
| L3    | 0    | 1 AND (particle and target and high adj energy and electro adj magnetic and low adj energy and mask and alignment and shield near mask).clm. *          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/07/31 13:00 |
| L4    | 0    | 1 AND (particle and target and high adj energy and electro adj magnetic and low adj energy and mask and alignment and (downsiz\$3 or demagnif\$5)).clm. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/07/31 13:01 |
| S1    | 4078 | ((250/491.1) or (250/492.2)).<br>CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/07/31 12:58 |
| S2    | 1825 | S1 and mask   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/02/28 10:52 |
| S3    | 804  | S2 and alignment  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/02/28 10:53 |
| S4    | 54   | S3 and low adj energy   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/02/28 11:03 |
| S5    | 21   | S4 and high adj energy  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/02/28 10:53 |
| S6    | 181  | S3 and laser same align\$5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/02/28 11:03 |
| S7    | 11   | S3 and laser near align\$5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/02/28 13:32 |

## EAST Search History

|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S8  | 97   | ("6110626" "6204509" "5973333"<br>"6083648" "6459090" "5488229"<br>"5559338" "5844727" "6593033"<br>"5981947" "6171736" "6180289"<br>"6087669" "6096462" "6124596"<br>"6072184" "6008498" "6066855"<br>"6355385" "6433346" "6441384"<br>"5880817" "5227839" "5255051"<br>"5372901" "5667918" "5786116"<br>"6096459" "6114073" "6563566"<br>"6770894" "5952133" "6059981"<br>"6059981" "5905020" "5972567"<br>"6163368" "5888682" "5986765"<br>"6124064" "4870668" "5390227"<br>"5401932" "5477304" "5591958"<br>"5608492" "5627627" "5648188"<br>"5661548" "5663784").pn.<br>("5716742" "5718829" "5728495"<br>"5747221" "5766829" "5789300"<br>"5831716" "5861944" "5894341"<br>"6002467" "6067145" "6078381"<br>"6100515" "6154270" "6222615"<br>"6222615" "6259510" "6304317"<br>"6304320" "6396071" "6411364"<br>"6440614" "6501535" "6538723"<br>"6699630" RE38798 RE38798<br>"6124718" "6428937" "6468700"<br>"6485870" "6531249" "6894291"<br>"5303001" "4872189" "5194893"<br>"5329333" "5376483" "5526094"<br>"5767949" "5815245" "5892224"<br>"5894056" "6016187" "6021009"<br>"6030731" "6040096" "6103430"<br>"6433878" "6531251").pn. | USPAT                                       | OR | ON  | 2006/02/28 13:45 |
| S9  | 12   | S8 and S1  | USPAT                                       | OR | ON  | 2006/02/28 13:34 |
| S10 | 12   | S1 and S8  | USPAT                                       | OR | ON  | 2006/02/28 13:34 |
| S11 | 62   | S8 and alignment   | USPAT                                       | OR | ON  | 2006/02/28 14:56 |
| S12 | 5    | S1 and mask same heat adj sink   | USPAT                                       | OR | ON  | 2006/02/28 14:56 |
| S13 | 0    | S1 and mask near heat adj sink   | USPAT                                       | OR | ON  | 2006/02/28 14:56 |
| S14 | 2    | "4254174".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/03/01 09:37 |
| S15 | 4078 | ((250/491.1) or (250/492.2)).<br>CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/03/01 09:38 |

## EAST Search History

|     |      |                                |   |    |    |                  |
|-----|------|--------------------------------|---|----|----|------------------|
| S16 | 4078 | S15                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/01 09:38 |
| S17 | 11   | S16 and quartz near mask       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/01 09:44 |
| S18 | 4    | S16 and stacked near masks     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/01 09:45 |
| S19 | 1    | S16 and layered near masks     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/01 09:46 |
| S20 | 55   | S16 and demagnif\$3 same masks | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/01 09:47 |
| S21 | 14   | S16 and demagnif\$3 near masks | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/01 09:47 |